SUPAKORN CHAIYASIT

📞 CONTACT

- **Name**: Mr. Supakorn Chaiyasit
- **E-mail**: rujirapong@gmail.com
- **Phone**: 089-123-4567
- **Address**: 345/7 Rama IX Road, Huai Khwang, Bangkok 10310
- **LinkedIn**: linkedin.com/in/supakorn-ai
- **Portfolio**: github.com/supakorn-ai

🎯 CAREER OBJECTIVE

AI Engineer with 2 years of hands-on experience in Machine Learning and Data Engineering. Passionate about solving real-world problems with AI and building scalable data pipelines. Seeking to contribute to innovative AI projects in a fast-growing tech environment.

💼 PROFESSIONAL EXPERIENCE

AI Engineer & Data Engineer
Innovex AI Solutions Co., Ltd. — *May 2022 – Present (2 years)*

- Developed and deployed ML models for text classification and image recognition using TensorFlow and Scikit-learn
- Built and maintained ETL pipelines using Apache Airflow, Spark, and Python to process large-scale structured and unstructured data
- Collaborated with data scientists to improve model performance by tuning hyperparameters and managing data versioning (DVC)
- Designed and implemented RESTful APIs to serve ML models using Flask and FastAPI
- Set up data lake architecture on AWS S3 integrated with Redshift and Glue

Key Achievements:

- Reduced model training time by 35% via optimized data pipelines
- Automated weekly data reporting dashboard using Looker Studio and BigQuery

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🎓 EDUCATION

Bachelor of Science in Computer Engineering
Kingdom Institute of Technology — *Graduated: 2021*

🧠 SKILLS

Programming & Frameworks

- Python, SQL, Java
- TensorFlow, Keras, Scikit-learn, PyTorch
- Apache Airflow, Spark, Pandas, NumPy

Data Engineering

- ETL/ELT pipelines, Data Warehousing
- AWS (S3, Redshift, Glue), GCP (BigQuery, Cloud Functions)
- Docker, Git, DVC, RESTful API

Tools & Platforms

- Jupyter Notebook, VS Code, Postman, GitLab CI/CD
- Looker Studio, Grafana, Tableau

Languages

- Thai: Native
- English: Professional Working Proficiency

📜 CERTIFICATIONS

- TensorFlow Developer Certificate – Google
- AWS Certified Data Analytics – Specialty
- Machine Learning Specialization – Coursera (Andrew Ng)

🏆 PROJECT HIGHLIGHTS

1. NLP Chatbot for Customer Support (2023)

- Built intent classification model using BERT
- Integrated chatbot to LINE and website using Dialogflow & Flask

2. Smart Farming Data Platform (2022)

- Developed data ingestion system for IoT sensors in greenhouse
- Implemented anomaly detection to predict system failure

🚀 ACTIVITIES & INTERESTS

- Volunteer AI Coach – AI for Thai Youth Program
- Speaker at "Intro to Machine Learning" meetup
- Enjoys hackathons, board games, and running marathons